

Microsoft.Owin

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Kind: Service

Source: Pams/API/Pams.API/Pams.API.csproj (line 1)

Part of: Pams

NuGet package dependency

Microsoft.Owin is a NuGet package dependency declared in Pams/API/Pams.API/Pams.API.csproj . It supports the OWIN middleware pipeline used by the Pams API to process HTTP requests and generate HTTP responses.

Diagram

```
sequenceDiagram
    participant Client
    participant PamsAPI as Pams API
    participant Owin as Microsoft.Owin Middleware
    participant Handler as API Handler

    Client->>PamsAPI: HTTP request
    PamsAPI->>Owin: Create OWIN request context
    Owin->>Handler: Invoke request pipeline
    Handler-->>Owin: Response data
    Owin-->>PamsAPI: Create HTTP response
    PamsAPI-->>Client: HTTP response
```

Usage

```
async function getPamsData() {
    const response = await fetch("/api/pams");

    if (!response.ok) {
        throw new Error(`Pams API request failed: ${response.status}`);
    }
}
```

```
    return response.json();  
  }  
  
  getPamsData().then((data) => {  
    console.log(data);  
  });
```

AI Coding Instructions

- Treat `Microsoft.Owin` as a server-side dependency configured through `Pams.API.csproj`.
- Keep OWIN middleware changes within the API startup and request-pipeline configuration.
- Check package compatibility before changing the `Microsoft.Owin` package reference in the legacy-format project file.
- Test API endpoints after middleware changes because request handling and response behavior can change.